

# **SOUTH PRODUCTION NOTES**

**November 5, 2013  
Midnight Shift**

**BASF EMPLOYEES  
127 Last Recordable  
148 Last Lost Time**

**Tank 6 / tank rinsed out:** Tank was emptied on 3-11 shift and totes taken to solid waste.

**#1 MED / X 253 Trial done:** Completed. Require formal cleaning instructions. There is water and oil mixed in green gear box-work order is in.

**#1 RC / X 253 Trial done:** Completed... Require formal cleaning instructions.

**Exhaust to Trimer**

**#2 MED line/ Cu-0860:** Continue on. Make sure that the injector lines are cleaned out each shift. Also, must work wet mix back into batches. Please make sure that you empty the mixer completely before the next batch is mixed.

**#2 RC/ Cu-0860:** Continue feeding. Obtain surface areas and sample per the MOD.

**Exhaust to F1**

**Tank 7 / AMT Solution / D-1795:** AMT tank was made, SpG was measured at 1.677...good to use. \*MUST KEEP TANK TEMP BETWEEN 25 C - 35 C. GET Spg EACH DAY ON FIRST SHIFT.

**Old Pfaudler D-1795:** Continue batches. There are three cone buggies that were brought down from the Harrop kiln 2<sup>nd</sup> floor. They will be needed to ensure that the D-1795 material keeps moving quickly. 2 of the totes (#5 and #8) would not open and have been taken to maintenance. A work order has been written to have these fixed.

**#3 MED / D-1795 NAQ:** Continue feeding when material is available, get a grab sample to the lab by morning for LOI testing. . There are three cone buggies that were brought down from the Harrop kiln 2<sup>nd</sup> floor. They will be needed to ensure that the D-1795 material keeps moving quickly. 2 of the totes (#5 and #8) would not open and have been taken to maintenance. A work order has been written to have these fixed.

**#3 RC / D-1795 NAQ:** Continue feeding, sample per the MOD.

**Exhaust to CTO**

**#4 RC / clean for D-5206:** Calciner's discharge still requires additional clean up before it is put back together. Will verify Tuesday morning if cleaning is satisfactory.

**Exhaust to Trimer**

**PK Blender / 1506:** Continue as manpower permits, solution pump repaired. NOTE: we will most likely switch to Al 3917 pill mix in a few days, as we are down to about 20 bags of mix for the Horn machines. More sterotex being made on north end (16 bags), should be ready by Wednesday.

**#5 RC / 1506:** Re- started 1506 after initial issues with powder escaping the discharge end of the calciner (under the drum). Have slowed the screw feeder down to 10 Hz. Watch for any spillage on discharge end.

**Exhaust to Trimer**

**#6 DRYER - RC / celenese trial:** The dryer has been checked over by Justin and is good to go. We need to have the dryer lit and ready to go by morning. We will be running the material through the calciner at room temperature to start until we build up some dried material.

**Exhaust to Sly Scrubber**

**New Pfaudler / Celanese Trial:** Steam will need to be turned off @ 4:30am and the rotation stopped. We will need to bring 2 more bags of repacked base and another pallet of cobalt acetate to the 3<sup>rd</sup> floor before day shift.

NOTE: First 8 bags (1000 lbs each) have been repacked for the trial. Two of the repacked bags are on the 3<sup>rd</sup> floor per Justin Quach's request. A sample of the material has been sent to the lab as requested.

**National Dryer / Clean for D-5206 :** Feed hopper was vacuumed and washed out, dryer was "washed". Will let dry and evaluate cleaning efforts or if anything else needed. Will look at rinsing-down the Nat Dryer discharge hopper on Tuesday. Get done sooner, if possible.

**Tower 3 / E-406:** Next 10 bags of E-406 are loaded. Continue on.

**Tower 6 / Q-VAM next:** Finishing the 3<sup>rd</sup> load of QVAM. Balancing the material of previous lots. Next load to be unloaded during midnight shift.

**Harrop Kiln - Al-3921 T 3/16":** Kiln is running and carts are advancing.

Separate work notification written for one of the blowers on the kiln (#5 blower stopped working). Still operable, but maintenance needs to see Tower operator for more information.

Make sure pills do not mound in the bag (spread them out and they will fill to the 1500 lb level).

**North Screener / Cu-0860:** Continue screening. ~10 totes to screen.

**South Screener / Cu-0860:** Continue screening. ~10 totes to screen.

**#2662 Pill Machine / Al-3917 3/16:** Continue on.

**#2664 Pill Machine / Al-3917 3/16:** Continue on.

**HC-11 Tanks / Cu 5020 Strikes:** Pump and lines under Tank 5 both cleaned out but pump will not work. Work notification written and Lucas got pump freed up. Continue to have constant communication with the North end. The dike under the tanks will be pumped out this morning. NOTE: we are tentatively stopping at batch #257, and are currently on batch #220 (37 to go). Be advised that at some point very soon we will need to consume the contents of 2 tank (copper nitrate) and the last few batches will need to be made from totes. Just FYI....

**Abbe Blender / D-5206:** Ready to start D-5206. Need to look at scheduling, either on Tuesday or Wednesday. Will advise Tuesday morning after production meeting.

**Tunnel Kiln #2 / Set up for Al-3921:** Need to follow up with maintenance and Matt Willbond to verify what was discovered during inspection of exhaust line on Monday. No decision made yet...will advise, probably by Tuesday.

## **QVAM COVERAGE PRIORITY:**

**Make sure we have sufficient coverage at towers before and after QVAM tower loads. This includes preparing drums and liners, labels, staging raws from the dock trucks in the warehouse or the precious metals cage, and weighing/leveling of filled drums.**

**Priorities 1 through 11 are basically all the same priority, should be considered urgent and will require call outs for maint issues.**

- 1) Cu-5020 - HC-11**
- 2) D-1794 NAQ - #3 MED/#3 RC then onto D-1795 NAQ including east pfautler as prioritized equipment**
- 3) Cu-0860 E 1/16 3F - #2 MED/#2 RC**
- 4) X-253 - #1 MED/#1 RC**
- 5) D-5202 - #6RC**
- 6) 1506 - #5RC**
- 7) Reduction Towers**
- 8) Al-3917 T 3/16 - Horne Tabletting**
- 9) Al-3921 T 3/16 - Harrop Kiln**
- 10) D-0222 E 1/20 - #4 RC**
- 11) Al-3917 Pill Mix/1506 - PK Blender to supply Al pill mix to Hornes (finish running out current sterotex then go back in 1506 impregs) and 1506 to #5RC**